

## CLAIMS

1. A plasma display panel comprising:  
a front panel and a back panel disposed to oppose each other with an  
5 inner space formed therebetween; and  
a catalyst reacting with a hydrocarbon provided in an exposed manner  
to the inner space.
2. The plasma display panel according to claim 1, wherein  
10 the catalyst is contained in a component part of the plasma display  
panel exposed to the inner space.
3. The plasma display panel according to claim 2, wherein  
the component part is constituted of at least one of a protective layer  
15 formed on the front panel, a barrier rib formed on the back panel, a phosphor  
layer formed on the back panel, and a base dielectric layer formed on the back  
panel.
4. The plasma display panel according to any of claim 1 to claim 3,  
20 wherein  
the catalyst is a catalyst accelerating oxidization of a hydrocarbon.
5. The plasma display panel according to claim 4, wherein  
the catalyst is at least one selected out of Pd, Pt, Rh,  $\text{Co}_3\text{O}_4$ , PdO,  $\text{Cr}_2\text{O}_3$ ,  
25  $\text{Mn}_2\text{O}_3$ ,  $\text{Ag}_2\text{O}$ , CuO,  $\text{MnO}_2$ , CoO, and NiO.
6. The plasma display panel according to claim 1 to claim 3, wherein

the catalyst is a catalyst accelerating decomposition of a hydrocarbon.

7. The plasma display panel according to claim 6, wherein  
the catalyst is at least one selected out of Co, Mn, Zn, Ti, TiO<sub>2</sub>, and Ni.